08/17/2005 14:06

60342755303EST AVAILABLE

11/12/2003 11:22

6177234689

LORUSSO LOUD & KELLY

PAGE 09/10

PAGE 06/07

8/ 7

03-11-12:10:17 ;HIROE&ASSOCIATES

;+81-98-268-7502

PATENT ABSTRACTS OF JAPAN

(11)Publication number:

07-150529

(43)Date of publication of application: 13.06.1995

(51)Int.CI.

EDIF 9/011

(21)Application number : 06-069106

(71)Applicant : NPPON STEEL CORP

HIKARI KOGYO KK

KAIDOU KOGYO:KK NITTETSU BOSHOKU KK

(22)Date of filing:

14.03.1994

(72)Inventor: HISHIDA HIROTOSHI

MIMAKI TOSHITARO KURIYAMA YUKIHISA **GOTO MITSUO**

ASAKAWA SUSUMU TANIGUCHI AKIYOSHI

(30)Priority

Priority number : 05276041

Priority date : 07.10.1993

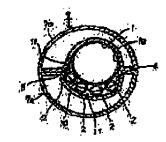
Priority country: JP

(54) CUSHION COVER FOR SIGN POST

(57)Abstract

PURPOSE: To improve safety by surrounding a sign post by a plurality of pipes which are comparatively light and can be manufactured simply so as to absorb collision energy.

CONSTITUTION: A plurality of pipes 2 connected together by a connecting member 3 are provided in a cushion cover 9 and covered in the condition in which the pipes 2 are in contact with a sign post 1 in such a way that they surround the post 1. Next, when an automobile collides, the pipes 2 are deformed and collision energy is absorbed to some extent, and speed of the automobile is attenuated before it reaches the post 1. Then, when center of gravity of a plurality of the whole pipes 2 is arranged in such a way that it leans on an object lane side in a plan view, collision energy of the automobile is absorbed more effectively, and a possibility that the cover 9 comes apart from the post 1 and jumps out due to collision is reduced. When plan view geometrical center of the whole pipes 2 is arranged in such a way that it leans on an object lane side, the automobile may move tions the lane after collision. and secondary collision against another automobile is prevented. Consequently, it is possible to reduce damage of the automobile and the sign post and mount the cushion cover for sign post easily.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

(Kind of final disposal of application other then the examiner's decision of rejection or application

converted registration]

[Date of final disposal for application]

[Petont number]

[Date of registration]